Patent Abstracts of Japan

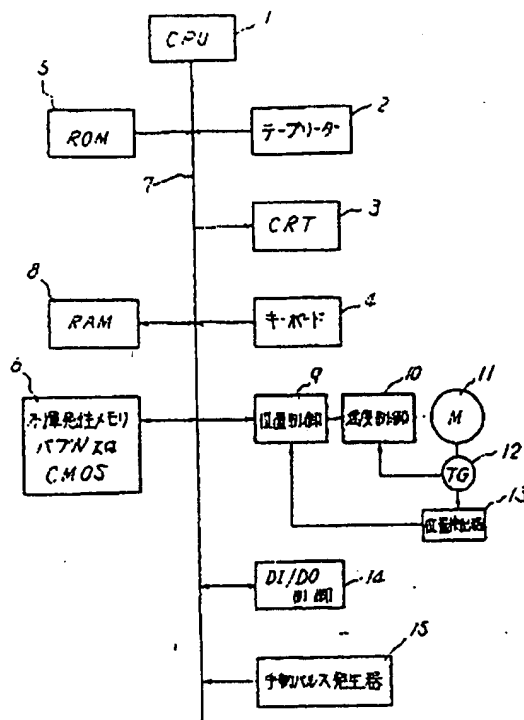|		
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TITLE : NUMERICAL CONTROLLER

ABSTRACT : PURPOSE: To set different data at every cutting direction of a tool to be used and to heighten working efficiency by deciding a working condition by selecting conditional data corresponding to the feed direction of the tool from a storage means.

CONSTITUTION: When an NC program is generated by selecting the process of end face working from the picture display of a CRT 3, prescribed process number, cutting point, and coordinate value are inputted and after that, a help key on a keyboard 4 is depressed by putting a cursor key. A prescribed data file is selected from a memory 6, and for example, the feed quantity of rough working and the cutting speed of cutting conditional data corresponding to the material of a component desired to be worked are displayed on the picture of a PERT program. Similarly, in the generation of a program to perform groove cutting working by using the same tool, the feed quantity and the cutting speed are displayed. Thus, it is possible to set the optimum condition at every cutting direction of the tool from an interactive type input picture by selection, and to heighten the working efficiency thereby.